

Remarks

The above Amendments and these Remarks are in reply to the Office Action mailed July 2, 2003. The fee for addition of new claims is included herewith. An appropriate Petition for Extension of Time to Respond is submitted herewith, together with the appropriate fee.

Claims 1-20 were pending in the Application prior to the outstanding Office Action. In the Office Action, the Examiner rejected claims 1-20. The present Response cancels claim 16, amends claims 1-15, 17 and 19 and adds new claims 21-40, leaving for the Examiner's present consideration claims 1-15, 17-40. Note that numerous amendments are made to the claims to clarify the grammatical meaning of the claims, and are not intended to narrow the scope of the claims (for example where "one or more" is substituted for "at least one"). Reconsideration of the rejections is requested.

I. OBJECTION TO THE DRAWINGS UNDER 37 C.F.R. §1.84(p)(5)

The Examiner objected to the drawings as failing to comply with 37 C.F.R. §1.84(p)(5) because they included reference signs not mentioned in the description and because they do not include the reference sign "600" mentioned in the Description. The drawings have been corrected and are submitted herewith and/or the Description has been amended to properly reference the drawings. Applicants believe that the amendments place the Drawings and Description in acceptable form, and accordingly, Applicants respectfully request the withdrawal of this objection.

II. OBJECTIONS TO THE SPECIFICATION

In Item #3 of the Office Action, the Examiner requested correction of all possible errors in the specification. The specification has been amended to comply with the Examiner's request.

In Item #4 of the Office Action, the Examiner objected to the disclosure "because U.S. Patent Application Serial No. 09/152,677, ... has issued as U.S. Patent No. 6,195,093." Applicants have amended the specification to include the patent number and date of issue.

Applicant believes that the amendments place the specification in acceptable form, and accordingly, Applicant respectfully requests the withdrawal of this objection.

III. OBJECTION TO THE ABSTRACT

The Examiner objected to the Abstract as being too long. Applicants believe that the amendment places the abstract in acceptable form, and accordingly, Applicants respectfully request the withdrawal of this objection.

IV. OBJECTIONS UNDER 37 C.F.R. §1.75(a)

Claims 3 and 12

The Examiner rejected Claims 3 and 12 under 37 C.F.R. §1.75(a) for "failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention." Applicants respectfully request the withdrawal of this objection.

According to the Examiner, "Claim 3 recites the limitation 'said step of displaying'..the antecedent of this limitation in the claim is ambiguous..." Claim 3 has been amended to recite "said step of displaying a representation." Applicants believe that the limitation is no longer ambiguous.

Further, according to the Examiner, "Regarding claim 12, the limitation recited on lines 5-7 is grammatically unclear." Claim 12 has been amended to clarify the limitation. It is submitted that the amendment is not intended to narrow or affect the scope of the limitation in any way, but rather is intended to clarify the limitation. Applicants respectfully request the withdrawal of this objection.

V. OBJECTIONS UNDER 37 C.F.R. §1.75(c)

Claims 15 and 16

The Examiner rejected Claim 16 under 37 C.F.R. §1.75(c) "as being of improper dependent form for failing to further limit the subject matter of a previous claim." Applicants request cancellation of Claim 16.

VI. REJECTIONS UNDER 35 U.S.C. §112

Claims 7, 9 and 14

The Examiner rejected Claims 7, 9 and 14 under 35 U.S.C. §112, second paragraph, "as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention." Applicants respectfully traverse this rejection.

According to the Examiner, "the term 'frame-like' in claim 7 is a relative term that renders the claim indefinite." Claim 7 has been amended to recite "an object" rather than "a frame-like object." Applicants assert that "an object" need not be "frame-like", and therefore the relative term is not necessary and lacks clarity. Applicants therefore request that the rejection of claim 7 under 35 U.S.C. § 112 be withdrawn.

Further, according to the Examiner, in Claim 9, "the phrase 'and other effects' renders the claim indefinite." Claim 9 has been amended to clarify the phrase, and is, it is submitted sufficiently definite. Applicants therefore request that the rejection of claim 9 under 35 U.S.C. § 112 be withdrawn.

The Examiner rejected Claim 14 under 35 U.S.C. §112, second paragraph, "as being incomplete for omitting essential steps." Specifically, the Examiner states that the "limitation recited on lines 5-6 is apparently missing a verb after 'the step of', rendering the limitation meaningless. Claim 14 has been corrected to recite "the step of displaying" as originally intended. In light of this clarification, Applicants request that the rejection of claim 14 under 35 U.S.C. § 112 be withdrawn.

V. OBJECTIONS UNDER 37 C.F.R. §1.75(c)

Claims 15 and 16

The Examiner rejected Claim 16 under 37 C.F.R. §1.75(c) "as being of improper dependent form for failing to further limit the subject matter of a previous claim." Applicants request cancellation of Claim 16.

VI. REJECTIONS UNDER 35 U.S.C. §112

Claims 7, 9 and 14

The Examiner rejected Claims 7, 9 and 14 under 35 U.S.C. §112, second paragraph, "as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention." Applicants respectfully traverse this rejection.

According to the Examiner, "the term 'frame-like' in claim 7 is a relative term that renders the claim indefinite." Claim 7 has been amended to recite "an object" rather than "a frame-like object." Applicants assert that "an object" need not be "frame-like", and therefore the relative term is not necessary and lacks clarity. Applicants therefore request that the rejection of claim 7 under 35 U.S.C. § 112 be withdrawn.

Further, according to the Examiner, in Claim 9, "the phrase 'and other effects' renders the claim indefinite." Claim 9 has been amended to clarify the phrase, and is, it is submitted, sufficiently definite. Applicants therefore request that the rejection of claim 9 under 35 U.S.C. § 112 be withdrawn.

The Examiner rejected Claim 14 under 35 U.S.C. §112, second paragraph, "as being incomplete for omitting essential steps." Specifically, the Examiner states that the "limitation recited on lines 5-6 is apparently missing a verb after 'the step of', rendering the limitation meaningless. Claim 14 has been corrected to recite "the step of displaying" as originally intended. In light of this clarification, Applicants request that the rejection of claim 14 under 35 U.S.C. § 112 be withdrawn.

VII. REJECTIONS UNDER 35 U.S.C. §102(E) OVER KATO (U.S. PAT. 6,452,628)

Claims 1-10

The Examiner rejected Claims 1-10 under 35 U.S.C. §102(e) as being anticipated by *Kato*. Applicants respectfully traverse this rejection.

The Examiner argues that “Kato discloses a camera control and display device, as shown in Figure 1. Display unit 22 displays an image of a scene captured by video camera 10 (column 5, lines 9-10).” However, *Kato* fails to disclose a representation of a scene as a moving image, but rather discloses displaying a still image of a wide area. The lines cited by the Examiner disclose “a display unit 22 [that] displays *a potential maximum picking up range* of the video camera 10.” The Examiner is correct that the display unit 22 displays an image, but the maximum picking up range is a still image, and only a “portion of interest [is] a motion image.” See column 3, lines 25-29.

Kato discloses a display unit 22 for displaying a maximum visual range via a *still image* captured by a camera, and a current image in an area of interest. According to *Kato*, “it is still another object of the present invention to provide a motion image display apparatus capable of communicating the circumstances over a wide area in a remote place **by transmitting a portion of interest as a motion image and the other portion as a still image**” (Emphasis added). See column 3, lines 25-29.

Nowhere, does *Kato* disclose “displaying a representation of a scene...wherein said representation is a moving image captured by said one or more cameras” as recited in claim 1; therefore, *Kato* cannot anticipate claim 1 under 35 U.S.C. §102(e). Dependent claims have at least the features of the independent claims from which they depend. Claims 2-10 ultimately depend from claim 1, and therefore cannot be anticipated by *Kato* under 35 U.S.C. §102(e). Accordingly, Applicants respectfully request the withdrawal of this rejection.

VIII. REJECTIONS UNDER 35 U.S.C. §103 OVER *KATO* IN VIEW OF YAMAMOTO (U.S. PATENT NO. 5,504,520)

Claims 11-18

The Examiner rejected Claims 11-18 under 35 U.S.C. §103(a) as being unpatentable over *Kato* in view of *Yamamoto* (U.S. Patent No. 5,504,520). Applicants request cancellation of claim 16. Applicant respectfully traverses the rejection of claims 11-15, 17 and 18.

According to the Examiner, “[r]egarding claim 11, *Kato* discloses a camera control and display device, as shown in Figure 1. Display unit 22 displays an image of a scene capture by video camera 10 (column 5, lines 9-10).” As argued above in Section VII, the lines cited by the Examiner disclose “a display unit 22 [that] displays *a potential maximum picking up range* of the video camera 10,” but does not disclose a moving image captured by a video camera. The Examiner is correct that display unit 22 displays an image, but the maximum picking up range is a still image, and only a “portion of interest [is] a motion image.” See column 3, lines 25-29.

Kato fails to teach or suggest “displaying a representation of a scene...wherein said representation is a moving image captured by said one or more cameras.” *Kato* similarly fails to teach or suggest “displaying a wide angle view of a scene...wherein said wide angle view is a moving image captured by said one or more cameras” as recited in claim 11. Likewise, nowhere does *Kato* teach or suggest “a control display panel adapted to display said scene” comprising a moving image, as recited in claim 15. *Yamamoto* fails to remedy this deficiency.

As described by the Examiner, *Yamamoto* discloses a “television camera control system shown in Figure 3.” Nowhere does *Yamamoto* teach or suggest either “displaying a wide angle view of a

scene...wherein said wide angle view is a moving image captured by said one or more cameras” or “a control display panel adapted to display said scene” comprising a moving image.

Kato alone or in combination with *Yamamoto* fails to teach or suggest all of the limitations of claims 1 and 15, therefore *Kato* alone or in combination with *Yamamoto* cannot render claims 1 and 15 obvious under 35 U.S.C. §103(a). Applicant respectfully submits that claims 1 and 15 are patentable over *Kato* in view of *Yamamoto*. Claims 12-14 ultimately depend from claim 1, and 17 and 18 ultimately depend from claim 15, and are therefore patentable for at least the reasons given for the patentability of claims 1 and 15. Accordingly, Applicants respectfully request that the rejection of claims 11-15, 17 and 18 under 35 U.S.C. §103(a) be withdrawn.

IX. REJECTIONS UNDER 35 U.S.C. §103 OVER *KATO* IN VIEW OF FITZMAURICE, ET. AL. “BRICKS: LAYING THE FOUNDATIONS FOR GRASPABLE USER INTERFACES, PROCEEDINGS OF CH ‘95”

Claims 15, 19 and 20

The Examiner rejected Claims 15, 19 and 20 under 35 U.S.C. §103(a) as being unpatentable over *Kato* in view of *Fitzmaurice*. Applicants respectfully traverse this rejection.

As argued above, *Kato* fails to teach or suggest “a control display panel adapted to display said scene” comprising a moving image, as recited in claim 15. *Fitzmaurice* fails to remedy this deficiency. *Fitzmaurice* discloses “Graspable User Interfaces that allow direct control of electronic or virtual objects through physical handles for control.” See Abstract. Nowhere does *Fitzmaurice* teach or suggest “a control display panel adapted to display” a scene comprising a moving image, as recited in claim 15.

Kato alone or in combination with *Fitzmaurice* fails to teach or suggest all of the limitations of claim 15, therefore *Kato* alone or in combination with *Yamamoto* cannot render claim 15 obvious under 35 U.S.C. §103(a). Applicant respectfully submits that claim 15 is patentable over *Kato* in view of *Fitzmaurice*. Claims

19 and 20 ultimately depend from claim 15 and are therefore patentable for at least the reasons given for the patentability of claim 15. Accordingly, Applicants respectfully request that the rejection of claims 15, 19 and 20 under 35 U.S.C. §103(a) be withdrawn.

X. ADDITIONAL CLAIMS

Claims 21-40

The newly added claims are, it is submitted, allowable over the cited art.

XI. CONCLUSIONS


In light of the above, it is respectfully submitted that all of the claims now pending in the subject patent application should be allowable, and a Notice of Allowance is requested. The Examiner is respectfully requested to telephone the undersigned if he can assist in any way in expediting issuance of a patent.

Enclosed is a PETITION FOR EXTENSION OF TIME UNDER 37 C.F.R. § 1.136 for extending the time to respond up to one month.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 06-1325 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

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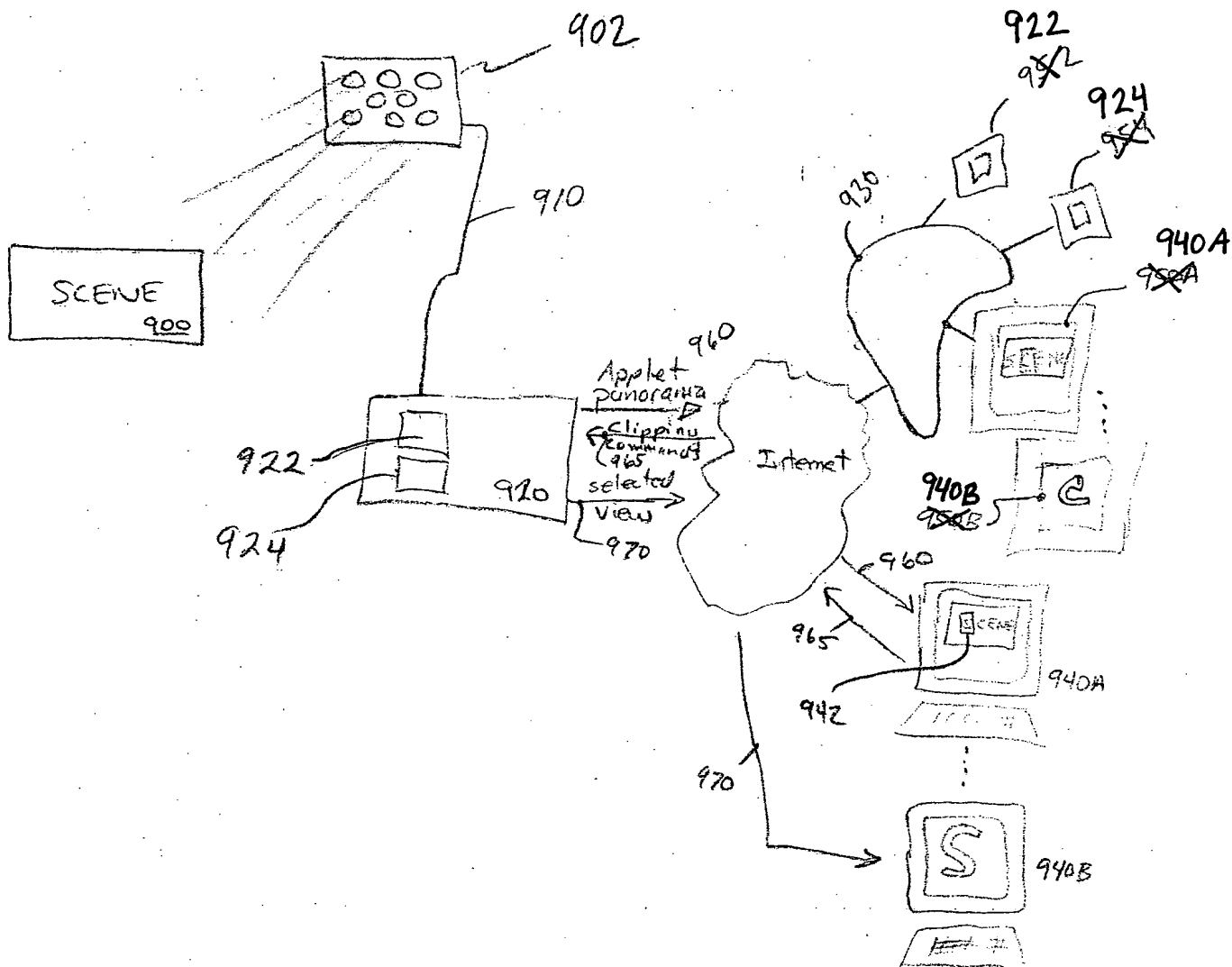


FIG 9.